



May 13, 2005

USPTO

Search

| | Full Text |
|--------|--------------------|
| | Concept |
| ****** | Document ID |
| | Recent Disclosures |

Publish

Publish Disclosure

My IP.com

| 1 | Manage Account |
|---|-------------------|
| F | Prior Purchases |
| F | Prior Disclosures |
| Ε | Events |
| 1 | 1ain Page |
| 5 | Support |
| L | .ogout |

Fingerprint Lookup



Displaying records #1 through 10 out of 271

Relevance: (いうつくい) Result # 1



Public-Key Cryptography Standards (PKCS) #1: RS Cryptography Specifications Version 2.1 (RFC3447

IPCOM000011189D

This memo represents a republication of PKCS #1 v2.1 from RS Public-Key Cryptography Standards (PKCS) series, and change retained within the PKCS process. The body of this document is from the PKCS #1 v2.1 document, with certain ...

Relevance: 💢 Result # 2



PKCS #1: RSA Cryptography Specifications Version (RFC2437)

13-Sep-2000

IPCOM000003015D

This memo is the successor to RFC 2313. This document provid recommendations for the implementation of public-key cryptogi the RSA algorithm [18], covering the following aspects:

Relevance: Result # 3



PKCS 1: RSA Encryption Version 1.5 (RFC2313)

IPCOM000002879D 13-Sep-2000

Englisl

Status of this Memo

Relevance: Result # 4



The TLS Protocol Version 1.0 (RFC2246)

13-Sep-2000

IPCOM000002805D

Englisl

This document specifies Version 1.0 of the Transport Layer Seci protocol. The TLS protocol provides communications privacy over The protocol allows client/server applications to communicate ir designed to prevent eavesdropping, ...

Relevance: Result # 5



RSA/SHA-1 SIGs and RSA KEYs in the Domain Nam (DNS) (RFC3110)

21-Aug-2001

IPCOM000005298D

English

This document describes how to produce RSA/SHA1 SIG resour-(RRs) in Section 3 and, so as to completely replace RFC 2537, c to produce RSA KEY RRs in Section 2.

Result # 6 Relevance: 🔾 😂 🧢



Privacy Enhancement for Internet Electronic Mail: | Algorithms, Modes, and Identifiers (RFC1423)

12-Sep-2000

IPCOM000002250D

This document provides definitions, formats, references, and cit cryptographic algorithms, usage modes, and associated identific parameters used in support of Privacy Enhanced Mail (PEM) in t community. It is intended to become one member of the ...

Relevance: Result # 7



Look-Ahead Processing for High Speed RSA Crypto **Pair Generation**

26-Mar-2005

IPCOM000110787D

English

Disclosed is a high performance method for generating cryptogr

for the RSA Public Key encryption algorithm.

Relevance: 🗘 🗘 💮 Result # 8



DSA and RSA Key and Signature Encoding for the K Trust Management System (RFC2792)

This memo describes RSA and DSA key and signature encoding, key encoding for version 2 of the KeyNote trust-management sy

Relevance: 💸 🛴 Result # 9



Algorithms and Identifiers for the Internet X.509 F **Infrastructure Certificate and Certificate Revocatio** Profile (RFC3279)

10-May-2002

IPCOM000007991D

Englisl

This document specifies algorithm identifiers and ASN.1 encodir digital signatures and subject public keys used in the Internet X Infrastructure (PKI). Digital signatures are used to sign certifica certificate revocation list (CRLs). ...

Relevance: 〇〇 Result # 10



RSA/MD5 KEYs and SIGs in the Domain Name Syst (RFC2537)

13-Sep-2000

IPCOM000003123D

Englisl

A standard method for storing RSA keys and and RSA/MD5 base the Domain Name System is described which utilizes DNS KEY a resource records.

Displaying page 1 of 28 < BACK | <u>NEXT ></u>

Search query: RSa

New search | Modify this search | Search within current results

Copyright @ 2005 IP.com, Inc. All rights reserved.





May 13, 2005

USPTO

Search

Full Text

Concept

Document ID

Recent Disclosures

Publish

Publish Disclosure

My IP.com

| Manage Account | |
|-------------------|--|
| Prior Purchases | |
| Prior Disclosures | |
| Events | |
| Main Page | |
| Support | |
| Logout | |

Fingerprint Lookup



Displaying records #11 through 20 out of 271

Result # 11 Relevance: 🔾



Encryption and Checksum Specifications for Kerber (RFC3961)

15-Feb-2005 IPCOM000058124D

Fnalist

This document describes a framework for defining encryption at mechanisms for use with the Kerberos protocol, defining an abs between the Kerberos protocol and related protocols, and the amechanisms themselves. The document also defines several ...

Result # 12 Relevance: 😂



Use of the RSAES-OAEP Key Transport Algorithm ir Cryptographic Message Syntax (CMS) (RFC3560)

8-Jul-2003 IPCOM000016840D

Englisl

This document describes the conventions for using the RSAES-C transport algorithm with the Cryptographic Message Syntax (CN specifies the enveloped-data content type, which consists of an content and encrypted content-encryption keys for one ...

Result # 13 Relevance:



SEcure Neighbor Discovery (SEND) (RFC3971)

12-Mar-2005

IPCOM000099093D

Englisl

IPv6 nodes use the Neighbor Discovery Protocol (NDP) to discovery on the link, to determine their link-layer addresses to find route maintain reachability information about the paths to active neigon secured, NDP is vulnerable to various ...

Result # 14 Relevance:



Large Virtual Storage Exploitation of Data Space fo

26-Mar-2005 IPCOM000111160D

Englisl

This method utilizes large amounts of virtual storage to achieve and fast sorting procedure. Although we present these ideas in the MVS/ESA* Data Space mechanism, our ideas can be extenc areas of virtual storage.

Result # 15 Relevance: 🗘 🦠



The Secure HyperText Transfer Protocol (RFC2660

-Sep-2000 IPCOM000003250D

Englisl

This memo describes a syntax for securing messages sent using Transfer Protocol (HTTP), which forms the basis for the World V Secure HTTP (S-HTTP) provides independently applicable securi transaction confidentiality, ...

Result # 16 Relevance: 🗘 💮



Cryptographic Message Syntax (CMS) Algorithms (

05-Sep-2002

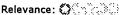
IPCOM000009619D

Englis

This document describes the conventions for using several crypalgorithms with the Cryptographic Message Syntax (CMS). The

digitally sign, digest, authenticate, or encrypt arbitrary message

Result # 17





Application of Identity Keys in the RSA Public Key Cryptosystem

16-Mar-2005

IPCOM000101174D

A means is presented for operating the RSA Public Key Cryptosy single key for enciphering and deciphering the data to be secure makes use of a special class of keys (called "identity keys"). Op RSA Cryptosystem using a single ...

Result # 18





Additional XML Security Uniform Resource Identific (RFC4051)

13-Apr-2005

IPCOM000124251D

A number of Uniform Resource Identifiers (URIs) intended for u Digital Signatures, Encryption, and Canonicalization are defined identify algorithms and types of keying information.

Result # 19

Relevance: 🔘



Network Specification of Short Length RSA Private

01-Apr-2005

IPCOM000118351D

In some networks using RSA cryptography, it may be desirable the length of an RSA private key exponent for performance reas

Result # 20

Relevance: 🗘 💮



The Kerberos Network Authentication Service (V5)

12-Sep-2000

IPCOM000002340D

English

This document gives an overview and specification of Version 5 for the Kerberos network authentication system. Version 4, des elsewhere [1,2], is presently in production use at MIT's Project other Internet sites.

Displaying page 2 of 28 < BACK | NEXT >

Search query: RSa

New search | Modify this search | Search within current results

Copyright @ 2005 IP.com, Inc. All rights reserved. |





May 13, 2005

USPTO

Search

Full Text Concept

Document ID

Recent Disclosures

Publish

Publish Disclosure

My IP.com

Logout

Manage Account **Prior Purchases** Prior Disclosures **Events** Main Page Support

Fingerprint Lookup

Lookup

Displaying records #21 through 30 out of 271

Result # 21 Relevance: 🗘



IP Network Address Translator (NAT) Terminology Considerations (RFC2663)

13-Sep-2000

IPCOM000003253D

Network Address Translation is a method by which IP addresses from one realm to another, in an attempt to provide transparen hosts. Traditionally, NAT devices are used to connect an isolatewith private unregistered addresses to an ...

Result # 22 Relevance: 😂



PKCS 7: Cryptographic Message Syntax Version 1.5

13-Sep-2000

IPCOM000002881D

English

Status of this Memo

Relevance: 😂 Method for RSA Key Agreement



Result # 23

01-Apr-2005 IPCOM000118330D

In ANSI X9.42, the Diffie-Hellman key agreement algorithm is ι establish a shared secret between communicating parties. After secret is established, it can be used to spawn symmetric algorit DES keys) by concatenating a counter and other public ...

Result # 24 Relevance: 🗘



On the Solution of a Certain Congruence Related to **Public Key Cryptosystem**

22-Mar-2005

IPCOM000108097D

In the RSA Public Key Cryptosystem, knowledge by an opponen secretly held phi(m) (sometimes called Euler's totient function), computation of the secretly held decryption key, d. This is accorusing the publicly known encryption key, e, and the ...

Result # 25 Relevance: 🗘 🦠



The KeyNote Trust-Management System Version 2

13-Sep-2000

IPCOM000003298D

This memo describes version 2 of the KeyNote trust-manageme specifies the syntax and semantics of KeyNote `assertions', des attribute' processing, and outlines the application architecture in KeyNote implementation can be fit. The ...

Result # 26 Relevance: 😭



Internet X.509 Public Key Infrastructure Certificate Profile (RFC2459)

13-Sep-2000

IPCOM000003037D

English

This memo profiles the X.509 v3 certificate and X.509 v2 CRL ft Internet. An overview of the approach and model are provided: introduction. The X.509 v3 certificate format is described in det additional information regarding the format and \dots

Result # 27 Relevance: 😂 💛



OpenPGP Message Format (RFC2440)

13-Sep-2000

IPCOM000003018D

This document is maintained in order to publish all necessary in needed to develop interoperable applications based on the Opei is not a step-by-step cookbook for writing an application. It des format and methods needed to read, check, ...

Result # 28 Relevance: 😂 🧢 🗀



DASS - Distributed Authentication Security Service

12-Sep-2000

IPCOM000002336D

1.1 What is DASS?

Relevance: 🛟 Result # 29



Privacy Enhancement for Internet Electronic Mail: | Certification and Related Services (RFC1424)

12-Sep-2000

IPCOM000002251D

English

Status of this Memo

Result # 30 Relevance: 🛟



Privacy enhancement for Internet electronic mail: algorithms, modes, and identifiers (RFC1115)

12-Sep-2000

IPCOM000001925D

Englisl

STATUS OF THIS MEMO

Displaying page 3 of 28 < BACK | NEXT >

Search query: RSa

New search | Modify this search | Search within current results

Copyright @ 2005 IP.com, Inc. All rights reserved. |

Me-mail



Home | Login | Logout | Access Information | Alerts |

Welcome United States Patent and Trademark Office

Search Results

BROWSE

SEARCH

IEEE XPLORE GUIDE

2

Results for "((multiple prime)<in>metadata)"

Your search matched 1 of 1157693 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

» View Session History

» New Search

Modify Search

» Key

IEEE JNL IEEE Journal or

Magazine

IEE JNL IEE Journal or

Magazine

IEEE CNF

IEEE Conference

Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD

IEEE Standard

((multiple prime)<in>metadata)

☐ Check to search only within this results set

Display Format:

1. Using Prime Numbers for Cache Indexing to Eliminate Conflict Misses

Kharbutli, M.; Irwin, K.; Yan Solihin; Jaejin Lee;

High Performance Computer Architecture, 2004. HPCA-10. Proceedings. 10th Internati

on

14-18 Feb. 2004 Page(s):288 - 288

AbstractPlus | Full Text: PDF(600 KB) IEEE CNF

View Selected Herris

Help Contact Us Privacy &:

© Copyright 2005 IEEE -

indexed by # Inspec Subscribe (Full Service) Register (Limited Service, Free) Login

Search:

The ACM Digital Library O The Guide

6 7 8 9 10

multiple primes

Feedback Report a problem Satisfaction survey

Found **45,000** of **154,226**

Sort results by Display

Best 200 shown

results

relevance expanded form

Save results to a Binder Search Tips Open results in a new

Try an Advanced Search Try this search in The ACM Guide

Results 1 - 20 of 200

Result page: **1** <u>2</u> <u>3</u> <u>4</u> <u>5</u>

next

Relevance scale ...

Symbolic prime generation for multiple-valued functions

window

B. Lin, O. Coudert, J. C. Madre

July 1992 Proceedings of the 29th ACM/IEEE conference on Design automation

Full text available: pdf(582.46 KB)

Additional Information: full citation, references, citings, index terms

² Generating essential primes for a Boolean function with multiple-valued inputs Y. S. Kuo, W. K. Chou



July 1986 Proceedings of the 23rd ACM/IEEE conference on Design automation

Full text available: pdf(658.92 KB) Additional Information: full citation, abstract, references, index terms

Detecting essential primes is important in multiple-valued logic minimization. In this paper, We present a fast algorithm that can generate all essential primes without generating a prime cover of the Boolean function. A new consensus operation called asymmetric consensus (acons) is defined. In terms of acons, we prove a necessary and sufficient condition for detecting essential primes for a Boolean function with multiple-valued inputs. The detection of essential primes can be performed by ...

3 The multiple prime random number generator

Alexander Haas

December 1987 ACM Transactions on Mathematical Software (TOMS), Volume 13 Issue 4

Full text available: pdf(947.78 KB)

Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index</u> terms

A new pseudorandom number generator, the Multiple Prime Random Number Generator, has been developed; it is efficient, conceptually simple, flexible, and easy to program. The generator utilizes cycles around prime numbers to guarantee the length of the period, which can easily be programmed to surpass the maximum period of any other presently available random number generator. There are minimum limits placed on the seed values of the variables because the period of the generator is not a fun ...

Multiple-output multi-valued prime implicants

William R. Smith, Haresh Shah

May 1976 Proceedings of the sixth international symposium on Multiple-valued logic

Full text available: pdf(233.92 KB) Additional Information: full citation, abstract, references, index terms

A Generalization of multiple-output techniques to multi-valued functions is introduced for which the prime implicants cover any and all values of the function (value consistent), rather than a single value only (k-cover). The entire set of prime implicants is generated by evaluating a single Petrick-like expansion derived from the truth tables. The work is an extension of a single-output technique developed earlier.

5 Boolean factorization using multiple-valued minimization

Stan Liao, Srinivas Devadas, Abhijit Ghosh

November 1993 Proceedings of the 1993 IEEE/ACM international conference on Computer-aided design

Full text available: pdf(657.89 KB) Additional Information: full citation, references, citings

⁶ A sublinear additive sieve for finding prime number

Paul Pritchard

January 1981 Communications of the ACM, Volume 24 Issue 1

Full text available: pdf(429.51 KB) Additional Information: full citation, references, citings, index terms

Keywords: algorithms, computational complexity, correctness proofs, prime numbers, sieve

7 Progressive multiple alignment with constraints

Gene Myers, Sanford Selznick, Zheng Zhang, Webb Miller

January 1997 Proceedings of the first annual international conference on Computational molecular biology

Full text available: 📆 pdf(841.28 KB) Additional Information: full citation, references, citings, index terms

Keywords: constrained alignment, dynamic programming, multiple sequence alignment

8 Implicit and incremental computation of primes and essential primes of Boolean functions

O. Coudert, J. C. Madre

July 1992 Proceedings of the 29th ACM/IEEE conference on Design automation

Full text available: pdf(437.91 KB) Additional Information: full citation, references, citings, index terms

9 Combination of multiplicative congruential random-number generators with safe prime modulus

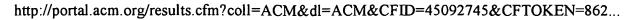
Munetaka Sakamoto, Susumu Morito

December 1995 Proceedings of the 27th conference on Winter simulation

Full text available: pdf(665.45 KB) Additional Information: full citation, references, index terms

10 Some new upper bounds on the generation of prime numbers
Harry G. Mairson
September 1977 Communications of the ACM, Volume 20 Issue 9





Full text available: pdf(496.87 KB) Additional Information: full citation, abstract, references, citings

Given an integer N, what is the computational complexity of finding all the primes less than N? A modified sieve of Eratosthenes using doubly linked lists yields an algorithm of OA(N) arithmetic complexity. This upper bound is shown to be equivalent to the theoretical lower bound for sieve methods without preprocessing. Use of preprocessing techniques involving space-time and additive-multiplicative tradeoffs reduces this upper bound to OA(N/log log ...

Keywords: balancing, computational complexity, linked list, number theory, preprocessing, prime number generation, sieve

11 Efficient and portable multiple recursive generators of large order Lih-Yuan Deng

January 2005 ACM Transactions on Modeling and Computer Simulation (TOMACS),
Volume 15 Issue 1

Full text available: pdf(115.99 KB) Additional Information: full citation, abstract, references, index terms

Deng and Xu [2003] proposed a system of multiple recursive generators of prime modulus p and order k, where all nonzero coefficients of the recurrence are equal. This type of generator is efficient because only a single multiplication is required. It is common to choose $p=2^{31}-1$ and some multipliers to further improve the speed of the generator. In this case, some fast implementations are available without using explicit division or multiplication. For such ...

Keywords: DX-k generator, GMP, MRG, irreducible polynomial, linear congruential generator, primitive polynomial.

12 The Chinese remainder theorem and the prime memory system

Q. S. Gao

May 1993 ACM SIGARCH Computer Architecture News, Proceedings of the 20th annual international symposium on Computer architecture, Volume 21 Issue 2

Full text available: pdf(287.10 KB)

Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index</u> terms

As we know, the conflict problem is a very important problem in memory system of super computer, there are two kinds of conflict-free memory system approaches: skewing scheme approach and prime memory system approach. Previously published prime memory approaches are complex or wasting 1/p of the memory space for filling the "holes" [17], where p is the number of memory modules. In this paper, based on Chinese remainder theorem, we present a perfect prime memory system which only ...

13 Recognizing primes in random polynomial time

L. Adleman, M. Huang

January 1987 Proceedings of the nineteenth annual ACM conference on Theory of computing

Full text available: pdf(542.84 KB)

Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index</u> <u>terms</u>

This paper is the first in a sequence of papers which will prove the existence of a random polynomial time algorithm for the set of primes. The techniques used are from arithmetic algebraic geometry and to a lesser extent algebraic and analytic number theory. The result complements the well known result of Strassen and Soloway that there exists a random polynomial time algorithm for the set of composites.

¹⁴ Multiple vs. wide shared bus multiprocessors



A. Hopper, A. Jones, D. Lioupis



Full text available: pdf(876.64 KB)

Additional Information: full citation, abstract, references, citings, index terms

In this paper we compare the simulated performance of a family of multiprocessor architectures based on a global shared memory. The processors are connected to the memory through caches that snoop one or more shared buses in crossbar arrangement. We have simulated a number of configurations in order to assess the relative performance of multiple versus wide bus machines, with varying amounts of prefetch. Four programs, with widely differing characteristics, were run on each confi ...

15 Symbolic hazard-free minimization and encoding of asynchronous finite state machines



Robert M. Fuhrer, Bill Lin, Steven M. Nowick

December 1995 Proceedings of the 1995 IEEE/ACM international conference on Computer-aided design

Publisher Site

Full text available: pdf(147.53 KB) Additional Information: full citation, abstract, references, citings, index

terms

This paper presents an automated method for the synthesis of multiple-input-change (MIC) asynchronous state machines. Asynchronous state machine design is subtle since, unlike synchronous synthesis, logic must be implemented without hazards, and state codes must be chosen carefully to avoid critical races. We formulate and solve an optimal hazard-free and critical race-free encoding problem for a class of MIC asynchronous state machines called burst-mode. Analogous to a paradigm successfully use ...

Keywords: optimal state assignment, asynchronous state machines, hazards, sequential synthesis, sequential optimization

¹⁶ A ultra fast Euclidean division algorithm for prime memory systems Benôit Dupont de Dinechin

August 1991 Proceedings of the 1991 ACM/IEEE conference on Supercomputing

Full text available: pdf(931.53 KB) Additional Information: full citation, references, citings, index terms

17 Algorithm 357: an efficient prime number generator [A1]

Richard C. Singleton

October 1969 Communications of the ACM, Volume 12 Issue 10

Full text available: pdf(674.03 KB) Additional Information: full citation, references, citings, index terms

Keywords: factoring, number theory, prime numbers

¹⁸ Algorithm 356: a prime number generator using the treesort principle [A1] Richard C. Singleton

October 1969 Communications of the ACM, Volume 12 Issue 10

Full text available: 📆 pdf(674.03 KB) Additional Information: full citation, references, citings, index terms

Keywords: number theory, prime numbers, sorting

Optimization of combinational logic circuits based on compatible gates
 Maurizio Damiani, Jerry Chih-Yuan Yang, Giovanni De Micheli
 July 1993 Proceedings of the 30th international conference on Design automation

Full text available: pdf(756.85 KB) Additional Information: full citation, references, citings, index terms



²⁰ Some negative results concerning prime number generators

Paul Pritchard

January 1984 Communications of the ACM, Volume 27 Issue 1

Full text available: pdf(443.17 KB) Additional Information: full citation, abstract, references, index terms

Programs attributed to Wirth and Misra for generating the prime numbers up to a specified limit are investigated. It is shown that Wirth's program is incorrect according to three increasingly weak criteria, and a composite number is exhibited that the program accepts as prime. This is the smallest known counterexample, and could not have been found by the usual method of program testing—the program would run for trillions of years on the fastest computer before reaching it! Cl ...

Keywords: Chinese remainder theorem, prime numbers, program testing

Results 1 - 20 of 200 Result page: **1** <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> <u>8</u> <u>9</u> <u>10</u> <u>next</u>

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2005 ACM, Inc.

<u>Terms of Usage Privacy Policy Code of Ethics Contact Us</u>

Useful downloads: Adobe Acrobat QuickTime Windows Media Player Real Player

| | ,,,, | | | | | |
|----------|------|--|---|---------------------|---------|------------------|
| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
| S1 | 955 | 380/28.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/13 19:58 |
| S2 | 44 | 380/28.ccls. and ((plurality multiple) with primes) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/13 20:11 |
| S3 | 3 | 380/259.ccls. and ((plurality multiple) with primes) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/13 20:08 |
| S4 | 163 | 380/259.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/13 20:11 |
| S5 | 6 | 713/200.ccls. and ((plurality multiple) with primes) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/13 20:12 |
| S6 | 6 | 713/201.ccls. and ((plurality multiple) with primes) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/13 20:12 |